

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5617515").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/05/06 23:41
S1	1	"20060122730"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/26 12:57
S2	34	((("20050055130") or ("20060122730") or ("5576605") or ("5446445") or ("5995884") or ("6134102") or ("6546436") or ("6674259") or ("7085623") or ("7133747") or ("7208900") or ("7218994") or ("7283057") or ("7436143") or ("7451016") or ("7228202") or ("20040034448") or ("20040148058") or ("20040260426") or ("20050052148") or ("20050137746") or ("20050165508") or ("20060061478") or ("20060069463") or ("20060155421") or ("20060178777") or ("20060232236") or ("20060235570") or ("20060271209") or ("20070046237") or ("20070297890") or ("20080125908") or ("20080284649") or ("20080300458"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/27 22:44

S3	16	((("5198735") or ("5198739") or ("5200683") or ("5204603") or ("5229697") or ("5495410") or ("5880956") or ("4379335") or ("4541770") or ("5721477") or ("5950006") or ("5990638") or ("6032344") or ("4406576") or ("4544154"))).FN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/27 22:57
S4	1	("20040181311").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/27 23:00
S5	1	niemela-esko.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/27 23:02
S8	12	strand-martin.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/27 23:03
S9	1	gronqvist-asa.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/27 23:03
S10	5	tasala-seija.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/27 23:04
S11	14	kjellsson-jimmy.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:50
S12	7	oberg-pierre.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:53
S13	2227	700/245.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:56
S14	740	700/86.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:56
S15	331	700/253.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:56
S16	790	700/19.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:56
S17	285	700/218.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:56

S18	558	700/258.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S19	465	700/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S20	982	901/1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S21	672	901/46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S22	369	901/50.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S23	110208	"318".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:57
S24	945	340/5.61.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:58
S25	2250	340/825.69.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:59
S26	522	340/825.71.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:59
S27	2249	340/825.72.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:59
S28	142	340/815.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:59
S29	0	340/169.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 13:59
S30	48	294/905.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:00
S31	272	700/65.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:00
S32	203	700/257.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:00
S33	421	700/264.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:00
S34	388	901/41.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:00

S35	3444	S14 or S15 or S16 or S17 or S18 or S19 or S31 or S32 or S33	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:02
S36	1561	S35 and (wireless or remote)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:02
S37	508	S35 and (wireless or remote) control\$3	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:03
S38	260	S35 and (wireless or remote) control\$3 and (robot or autonomous machine)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 14:05
S39	740	700/86.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S40	331	700/253.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S41	790	700/19.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S42	285	700/218.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S43	558	700/258.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S44	465	700/214.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S45	272	700/65.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S46	203	700/257.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S47	421	700/264.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S48	3444	S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S49	187	S48 and (wireless or remote) control\$3 and industrial	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 16:57
S50	3	((("20020120362") or ("6232735") or ("5672044"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/28 19:30
S51	1	("20040181311").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/28 19:37

S53	3	"2004030871"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 19:38
S54	1	"2003175487"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 19:40
S55	2	"0337669"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/28 19:41
S56	982	901/1.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:17
S57	672	901/46.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:17
S58	369	901/50.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:17
S59	1871	S56 or S57 or S58	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:17
S60	1558	S56 or S57 or S58 and (wireless or remote) control \$3 and (robot or autonomous machine)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:18
S61	1548	S56 or S57 or S58 and (wireless or remote) control \$3 and industrial	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:24
S62	1562	S56 or S57 or S58 and (wireless or remote) control \$3	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:24
S63	1542	S56 or S57 or S58 and wireless control\$3	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:25
S64	1542	S56 or S57 or S58 and (wireless controller same (device or tool))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:28
S65	0	(S56 or S57 or S58) and (wireless controller same (device or tool))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:28
S66	237	(S56 or S57 or S58) and (wireless or remote) control \$3 and (robot or autonomous machine)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:29
S67	0	(S56 or S57 or S58) and (wireless controller same (device or tool))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:33
S68	1	(S56 or S57 or S58) and (wireless controller)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:33

S69	150	(S56 or S57 or S58) and (wireless same (device or tool))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 10:34
S70	945	340/5.61.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S71	2250	340/825.69.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S72	522	340/825.71.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S73	2249	340/825.72.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S74	142	340/815.6.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S75	48	294/905.cds.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S76	1247	(S70 or S71 or S72 or S73 or S74 or S75) and (wireless same (device or tool))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:09
S77	162	(S70 or S71 or S72 or S73 or S74 or S75) and (wireless same (device or tool) and (robot or industrial))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/29 14:11
S78	1	("684266").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/30 17:36
S79	8	("5372567" "5636425" "6142722" "6144519" "6215315" "6219313" "6404849").PN. OR ("684266").URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/05/30 17:37
S80	6	((("6232735") or ("5672044") or ("4509266") or ("4545106") or ("4709265") or ("5617515") or ("20040668335"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/31 17:02
S81	4	"09216183"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/31 17:13
S82	1	"9601977"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/31 17:15

S83	5	"1406139"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/31 17:16
S84	1	("5150529").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/05/31 17:18
S85	1	"2003175487"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/31 17:18
S86	3	"2004030871"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/05/31 17:19
S87	55	katsuta-takashi.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 11:21
S88	2664	nitta.as.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 11:24
S89	59	nitta.as. and robot	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 11:24
S90	9	nitta.as. and wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/01 11:27
S91	1	("20050244260").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/14 20:04
S92	1558	wireless controller	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/14 20:09
S93	407	wireless controller same (computer or processor)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/14 20:09
S94	2	wireless controller same (computer or processor) same robot	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/14 20:10
S95	59	remote controller same (computer or processor) same robot	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/14 20:10
S96	4	"09216183"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/06/14 21:36
S97	1	("5617515").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/14 21:44
S98	5	((("3128575") or ("4709265") or ("5841258") or ("6438454"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/15 11:48

S99	10	((("6208916") or ("5864485") or ("5797660") or ("6721627") or ("6799099") or ("6658365") or ("6745102") or ("20050150416") or ("6049745") or ("5283739"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/09 17:52
S100	11	((("5797330") or ("6857493") or ("5179329") or ("20060069470") or ("20040122570") or ("4780817") or ("4379497") or ("5068654") or ("5267173") or ("5229941") or ("20010044697"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/09 18:02
S101	10	((("6109568") or ("6184802") or ("6246932") or ("6169495") or ("5754125") or ("6269291") or ("20040203918") or ("20060220906") or ("6438459") or ("20020055823"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/09 18:10
S102	14	((("6445308") or ("5157999") or ("20070171095") or ("20060271252") or ("6909398") or ("20040049336") or ("20040130463") or ("20060229803") or ("20070016366") or ("20070016369") or ("5369588") or ("5926117") or ("20030088344") or ("20050027448"))).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/09 18:16
S103	1	("5983161").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/09 18:23
S104	1745662	robot or surrogate or automat\$3	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:34
S105	1008909	wireless or wi\$1fi or radio \$1 or connectionless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:36

S106	5452323	controller or connection or connect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:38
S107	125798	S105 near2 S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:38
S108	4081	S107 same S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:38
S109	29	S107 same industrial S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/07/15 19:39
S110	0	("2002/0111709").URPN.	USPAT	ADJ	ON	2009/07/19 15:53
S111	1	(09/783336).APP.	USPAT; USOCR	ADJ	ON	2009/07/19 15:53
S112	7	("4663658" "4738025" "4770120" "5298939" "5898179" "6040893"). PN. OR ("6466841").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/19 15:53
S113	24	(US-20040034448-\$ or US- 20040260426-\$ or US- 20050052148-\$ or US- 20030009261-\$ or US- 20020120362-\$ or US- 20040181311-\$ or US- 20030080874-\$ or US- 20050244260-\$ or US- 20020111709-\$).did. or (US-7208900-\$ or US- 7228202-\$ or US-7451016- \$ or US-6792335-\$ or US- 7027881-\$ or US-7127325- \$ or US-7085623-\$ or US- 5672044-\$ or US-6232735- \$ or US-5395199-\$ or US- 7415321-\$ or US-4509266- \$ or US-4709265-\$ or US- 5150529-\$).did. or (EP- 1406139-\$).did.	US-PGPUB; USPAT; EPO	ADJ	ON	2009/08/02 22:13
S114	0	S113 and web server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 22:16
S115	9	S113 and internet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 22:16

S116	0	S113 and high level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 22:27
S117	5	S113 and language	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 22:27
S118	3	S113 and diagno\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 23:01
S119	4	S113 and Java	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 23:07
S120	4	S113 and graph\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 23:15
S121	7	S113 and protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/02 23:17
S122	24	(US-20040034448-\$ or US-20040260426-\$ or US-20050052148-\$ or US-20030009261-\$ or US-20020120362-\$ or US-20040181311-\$ or US-20030080874-\$ or US-20050244260-\$ or US-20020111709-\$).did. or (US-7208900-\$ or US-7228202-\$ or US-7451016-\$ or US-6792335-\$ or US-7027881-\$ or US-7127325-\$ or US-7085623-\$ or US-5672044-\$ or US-6232735-\$ or US-5395199-\$ or US-7415321-\$ or US-4509266-\$ or US-4709265-\$ or US-5150529-\$).did. or (EP-1406139-\$).did.	US-PGPUB; USPAT; EPO	ADJ	ON	2009/08/03 02:23

S123	4	S122 and mouse	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/03 02:23
S124	16	"6232735"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 01:19
S125	11	(industrial robot) same (tool or device attachment) same wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 01:53
S126	26	(industrial robot or robot arm or robotic arm) same (tool or device attachment) same wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 01:53
S127	26	(industrial robot or robot arm or robotic arm or servomechanism) same (tool or device attachment) same wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 01:54
S128	173	(robot or robot arm or robotic arm or servomechanism) same (tool or device attachment) same wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 02:02
S129	211	(industrial robot or robot arm or robotic arm or servomechanism) same (tool or device or attachment) same wireless	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/05 02:03
S130	1	("20030060810").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/05/05 15:39
S131	9	((("5481257") or ("5944607") or ("6545436") or ("6661351") or ("6684062") or ("7009501") or ("20010045978") or ("20030131360") or ("20040209643")).PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/05/06 21:40

S132	1	("6546436").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/05/06 21:45
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